

# VC2 / VC4

## Vantage Point Controller

**The Vantage Controller is a powerful Ethernet ready four reader controller that provides advanced and easy solutions for any size of application This controller works with our Vantage Point Software.**

The controller features a 32-bit ARM9 processor 100MB Ethernet communication and which provides a throughput 8 times higher than serial-to Ethernet converters.

The Vantage controller features an embedded web interface which can be used for configuration/diagnostic and card enrolment.

It also provides 8x4 state inputs and 4x2 state inputs which can be used for fire alarm input and power supply failure.

With an installer friendly design the VC easily adapts to your existing IT infrastructure therefor reducing your installation and support cost.

The VC controller comes in two versions:  
VC2 which is a 2 door read IN and OUT controller  
VC4 which is a 4 door read IN controller.

### Key Features

- On-board Ethernet communication
- Embedded web interface support through web browser
- Adapted multiple packet Tx/Rx protocol for fast two-way data transmission
- Four-state supervised inputs (Open loop/Shorted loop/Grounded loop/Line fault)
- Extra input ports for Power Fail & Fire
- User defined reader format supported
- Global, Timed and Soft Anti-pass back supported
- 256 time schedules
- 50,000 transaction buffer
- 100,000 cardholders
- Global input/output linkage function
- Global and S/W arm/disarm command
- Auto converting function of reverse DC input
- Lithium battery for RTC backup
- LED display of its operation status
- Electric noise protection circuit
- PCB protection cover
- Removable terminal blocks



100,000 Cardholders    2/4 Doors    4 Readers    12 inputs    8 Outputs    50,000    on board/Ext Board TCP IP

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### Technical Specification

#### Controller Specification

CPU	32bit ARM9 Processor
Memory	64 RAM, 32M FLASH
Number of Doors	4
Number of Readers	4
Relay Outputs	8
Alarm Inputs	12
Event History	50,000
Card Holders	100,000

#### Physical

VC4 B5	242*158*25mm
VC2 B5	242*158*25mm

#### Electrical

Power Supply	12vDC
Input Current (TCP/IP)	400mA @ 12vDC
Battery Backup	12vDC 7.2Ah
Available Current PSU	5 Amp @ 12vDC

#### Certification

CE, FCC



### Part Numbers

<b>VC2 B5</b>	VantagePoint Smart IP Controller, 4 readers (2 doors) 12 inputs, 8 outputs 100k cardholder, 50k event buffer with 5 amp power supply in Metal Box
<b>VC4 B5</b>	VantagePoint Smart IP Controller, 4 readers (4 doors) 12 inputs, 8 outputs 100k cardholder, 50k event buffer with 5 amp power supply in Metal Box



### Typical Applications

- Education facilities
- Health Care and hospital applications
- Commercial and blue chip sites